Receipt date: 03/14/2008 10554036 - GAU: 1626

PTO/SB08s (0.5.07)
Approved for use through 09x/02x70 M08sH.003.7

U.S. Patent and Trainers Collect U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless to colonians a valid Obstroit number.

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Not for submission under 37 CFR 1.99)

App	Application Number Filing Date First Named Inventor Besid Art Unit Examiner Name ST		10554036				
Filir			2005-10-20				
Firs			ski				
Art			1618				
Exa			OCKTON				
Atto	rney Docket Numb	er	101023-1P US				

1 of 6

					U.S.I	PATENTS			Remove		
Examiner Cite Initial* Patent Number Kind Code1 Issue Date Name of Patentee of cited Document			Pages,Columns,Lines where Relevant Passages or Releva Figures Appear								
	1	5118680		1992-06	5 <b>-0</b> 2	Muller et al.					
	2	4239887		1980-12	?-16	Youssefyeh el	t al.				
If you wisl	n to a	dd additional U.S. Pater	nt citatio	n inform	ation pl	ease click the	Add button.		Add		_
			U.S.P	ATENT	APPLIC	CATION PUB	LICATIONS		Remove		
Examiner Initial*	Cite No	Publication Number	Kind Code <sup>1</sup>	Publica Date	ition	Name of Patentee or Applicant of cited Document  Cywin et al.		Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear			
	1	20040180922		2004-09	9-16						
	2	20060223868		2006-10	)-05	Besidski et al.					
If you wisl	n to ac	dd additional U.S. Publi	shed Ap	plication	citation	n information p	please click the Ade	d buttor	n. Add		
				FOREIG	3N PAT	ENT DOCUM	IENTS		Remove		
Examiner Initial*	Cite No	Foreign Document Number <sup>3</sup>	Country Code <sup>2</sup>		Kind Code4	Publication Date  Name of Patente Applicant of cited Document		e or	Pages,Columns where Relevant Passages or Re Figures Appear		T5
	1	9924035	wo		A1	1999-05-20	BRISTOL-MYERS SQUIBB COMPAN	Y			

Receipt date: 03/14/2008	Application Number		10554036	10554036 - GAU: 1626
	Filing Date		2005-10-20	
INFORMATION DISCLOSURE	First Named Inventor	Besid	ski	
(Not for submission under 37 CFR 1.99)	Art Unit		1615	
(Not for Submission under 67 GTK 1.55)	Examiner Name			
	Attorney Docket Number		101023-1P US	

2	of 6					
2	0158897	wo	A1	2001-08-16	DARWIN DISCOVERY LIMITED	
3	03037847	wo	A1	2003-05-08	SMITHKLINE BEECHAM P.L.C.	
4	9841508	wo	A1	1998-09-24	SMITHKLINE BEECHAM PLC	
5	2006068592	wo	A1	2004-11-11	ASTRAZENECA AB	
6	2006068593	wo	A1	2006-06-29	ASTRAZENECA AB	
7	0643057	EP	A1	1995-03-15	BRISTOL-MYERS SQUIBB COMPANY	
8	0177092	wo	A1	2001-10-18	SAMSUNG ELECTRONICS CO., LTD.	
9	2004043369	wo	A2	2004-05-27	SMITHKLINE BEECHAM CORPORATION	
10	9616954	wo	A1	1996-06-06	AGREUO UK LIMITED	
11	9313664	wo	A2	1993-07-22	SCHERING AGROCHEMICALS LIMITED	
12	2241002 ABSTRACT ONLY	RU	C1	2004-11-27	KUBANSKIJ GOSUDARSTVENNYJ TEKHNOLOGICHESKIJ UNIVER	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /LLS/

## First Named Inventor Besidski STATEMENT BY APPLICANT Art Unit 1615 ( Not for submission under 37 CFR 1.99) Examiner Name Attorney Docket Number 101023-1P US 3 of 6 KARL-MARX-1987-06-24 13 247002 חח Α1 UNIVERSITAT ABSTRACT ONLY MITSUBISHI PHARMA 14 1310488 FP Α1 2003-05-14 CORPORATION 15 2006068618 wo Α1 2006-06-29 ASTRAZENECA AB If you wish to add additional Foreign Patent Document citation information please click the Add button Add NON-PATENT LITERATURE DOCUMENTS Remove Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item Examiner Cite (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), T5 Initials\* Nο publisher, city and/or country where published. FILE REGISTRY, STN International RN 799259-85-1, 799259-84-0, 799259-83-9 790716-55-1, 769961-89-9 757944-90-4, 722461-64-5, 722461-59-8, 708281-65-6,700856-69-5, 700849-95-2, 518992-70-6, 450353-93-2, NOT 1 441746-32-3, 401823-58-3,401823-56-1, 401823-54-9, 401823-50-5, 393518-16-6, 393518-15-5, AVAILA 441/46-32-3, 401825-30-3,401825-30-1, 401825-30-5, 401825 225521-94-8, 225521-89-1, 225521-86-8, 796097-24-0, 785711-05-9,785704-06-5, 785704-04-3, 681169-46-0 DAS, J. et al., "Molecular Design, Synthesis, and Structure-Activity Relationships Leading to the Potent and Selective 2 P561ck Inhibitor BMS-243117" Biographic & Medicinal Chemistry Letters, 2003 volume 13, pages 2145-2149 DAS, J. et al., "Discovery of 2-Amino- beteroaryl-benzothiazole-6-anilides as Potent p561ck Inhibitors", 2003, volume 3 13. pages 2587-2590 KIHARA, N. et al., "Vanilloid receptor-1 containing primary sensory neurones mediate dextran sulphate sodium. induced colitis in rats." Gut, 2003. 52: p. 713-719 KIMBALL, E.S. et al., "Vanilloid receptor 1 antagonists attenuate disease severity in dextran sulphate sodium-induced 5 colitis in mice." Neurogastroenterol Motil, 2004, 16: p. 1-8 CHAN, C.L.H. et al., "Sensory fibres expressing capsaicin receptor TRPV1 in patients with rectal hypersensitivity and 6 faecal urgency." THE LANCET, 2003, 361(Feb 1): p. 385-91 ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /LLS/

Application Number

Filing Date

10554036 2005-10-20 10554036 - GALL: 1626

/Laura L. Stockton/

Receipt date: 03/14/2008

INFORMATION DISCLOSURE

Receipt date: 03/14/2008		ite: 03/14/2008	Application Number		10554036 - GAU: 162		
			Filing Date		2005-10-20		
		TION DISCLOSURE	First Named Inventor	Besid	lski		
STATEMENT BY APPLICANT			Art Unit		1615		
Not for submission under 37 CFR 1.99)		ission under 37 CFR 1.99)	Examiner Name				
			Attorney Docket Number		101023-1P US		
	4	of 6					
	7	RONG W. et al., "Jejunal afferent nerve sensitivity in wild type and TRPV1 knockout mice." J Physiol (Lond). 2004. 560: p. 867-881					
	8	DREWES, A.M. et al., "Gut pain and hyperalgesia induced by capsalcin: a human experimental model." Pain, 2003. 104: p. 333-341					
	9	MATTHEWS, P.J. et al., "Increased capsaicin receptor TRPV1 nerve fibres in the inflamed human oesophagus." European J. of Gastroenterology & Hepatology, 2004. 16: p. 897-902					
	10	GUERRERA, F. et al., "Synthesis & antifungal activity of pyrido(3',2':4,5)thieno[3,2-d]-1,2,3-triazine derivatives." Farmaco (1993), 48(12), 1725-33					

11 DUNN, A., et al. "Nucleophilic Displacements in Pyridine Rings," J. of Heterocyclic Chemistry (1987), 24(1), 85-9 TORNETTA, B., et al. "Synthesis and spectral Behavior of Pyridothienoisothiazol and pyridothienopyrimidine 12 derivatives." Gazzetta Chimica Italiana (1978), 108(1-2), 57-62 GUERRERA, F., et al. "SYNTHESIS OF 3-AMINOTHIENO-[2,3-b]-PYRIDINE DERIVATIVES." Chimica e l'Industria 13 (Milan, Italy), (1976), 58(6), 451-2 14 SCHNELLER, S., et al, "Fused Thieno[3,2-d]-v-triazine-4(3H)-ones," Heterocycles (1975), 3(2), 135-138 SHESTOPALOV, A.M. et al., "Preparation of Trifluoromethylpyridine Libraries", J. Comb. Chem., 2000, vol. 2, page 24 15 - page 28, compounds 4h - 4 m NIKISHIN, K.G. et al., "Regioselective synthesis and properties of 3-cyano-6-methyl-4-trifluoromethylpyridine-2(1H)-16 thione, Molecular and crystal structure of 3-cyano-2-ethylthio-6-methyl-4-trifluoromethylpyridine", Russian Chemical Bulletin, March 1998, vol. 4, no. 3, page 465 - page 468, compounds 14-16 STN International, File CAPLUS, CAPLUS accession no . 1976 :421428, Document no . 85 :21428, Yoshitomi 17 Pharmaceutical Industries, Ltd.: "Thiophenederivatives"; & JP,A2,50140487, 19751111,RN 59488-61-8, RN 59488-62-9. RN 59488-63-0.RN 59488-64-1. RN 59488-65-2

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /LLS/

## Receipt date: 03/14/2008 10554036 - GAU: 1626 Application Number 10554036 Filing Date 2005-10-20 INFORMATION DISCLOSURE First Named Inventor Besidski STATEMENT BY APPLICANT Art Unit 1615 ( Not for submission under 37 CFR 1.99) Examiner Name Attorney Docket Number 101023-1P US

5 of 6

18	STN International, File CAPLUS, CAPLUS accession no. 1993.428032, Document no. 119:28032, Kadushkin, A. V. et al., "Synthesis and biological characteristics of 4-(phenylamino)- and 4-(dimethylamino)-3-cyanopyridine-2-thiones and derived thieno(2,3-b)pyridines"; & Khimiko-Farmatsevticheskii Zhurnal (1992), 26(11-12), 62-6, RN 147992-87-8, RN 147992-83-4	
19	STN International, File REGISTRY, Registry copyright 2003 ACS on STN 6102 59-30-8	
20	STN International, File REGISTRY, Registry Copyright 2003 ACS on STN 507447-02-1	
21	STN International, File REGISTRY; Registry Copyright 2001 ACS on STN 340807-85-4	
22	STN International, File CAPLUS, CAPLUS accession no. 1992 469849, Document no. 117:69849, Yoshilomi Pharmaceutical Industries, Ltd: "Preparation of furo- or thienopyridine derivatives for treatment of osteoporosis", & WO 9203427, A1, 19920305, RN 142221-26-9, RN 142221-27-0, RN 142221-28-1, RN 142221-29-2; RN 142221-30-5	
23	STN International, File RECISTRY; See RN 670230-81-6, 670230-56-5, 670230-17-8, 634169-17-8, 540512-24-1, 446052-22-8, 356098-50-5, 356084-71-4, 456084-67-8,356084-64-5, 356077-97-9 YEAR NOT AVAILABLE	
24	STN International, File CAPLUS, CAPLUS accession no. 1944 :16156, Document no. 38 :161158, Arnold, Herbert: "Thiocyanogenation of Naikylanilines and sulfanilamides, & Arch. Pharm. (1941), 279, 181-6, RN 798551-35-6	
25	STN International, file CAPLUS, CAPLUS accession no. 1970:66857, Document no. 72:66857, Couquelet, Jacques et al., "Preparation and properties of some 2-amino-6-sulfonamidobenzothiazoles", Bulletin de la Societe de Pharmacie de Marseille (1967), 16(63), 201-7, & RN 25742-24-9, RN 25742-25-0, RN 25745-08-8, RN 25745-09-9	
26	STN International, file CAPLUS, CAPLUS accession no. 1997;351528, document no. 127:103691, Parvu, Dorel: "Conductometric determination of some 2-aminobenzothiazole-6-sulfonamides"; & Revista de Chimie (Bucharest) (1996), 57(11), 1009-1014, RN 25742-24-9, RN 192119-44-1	
27	STN International, file CAPLUS, CAPLUS accession no. 1969:68231, document no. 70:68231, Libeer, Marcel J. et al., "Synthesis of x-sulfo-2-methylbenzothiazole isomers"; & Industrie Chimique Belge (1967), 32 (Spec. no.), 66-7, rn 21431-24-3 17	

If you wish to add additional non-patent literature document citation information please click the Add button ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /LLS/

101023-1P US

6 of 6

	EXAMINER SIGI	NATURE							
Examiner Signature	/Laura L. Stockton/	Date Considered	12/04/2008						
*EXAMINER: Initial if	*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a								

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Attorney Docket Number

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /LLS/

¹ See Kind Codes of USPTO Patent Documents at <a href="https://www.USPTO.GOV">www.USPTO.GOV</a> or MPEP 901.04.
² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3).
³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.
¹ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.
⁵ Applicant is to place a check mark here if English language translation is attached.